

I claim:

1. A rolling seal useable with a closure having first and second surfaces moveable relative to each other, the rolling seal comprising:

a wall generally in the form of a right circular cylinder, said wall being resiliently compressible;

a resilient coiled sheet member having opposite attachment edges with one of said attachment edges being attached to said wall, said sheet member being coiled about said wall, wherein said coiled sheet member is spaced from said wall.

2. The seal of claim 1, further comprising an extension member joined to another of said edges of said sheet member, said extension member being adapted to be joined to a first surface of a closure.

3. The seal of claim 1, where said wall is a contoured element having a predetermined shape, said element being resiliently compressible.

4. The seal of claim 2, where said extension member is generally planar.

5. The seal of claim 2, where said extension member is wedge-shaped.

6. The seal of claim 2, where said extension member is stepped.

7. The seal of claim 3, where said element is tubular.

8. The seal of claim 3, where said element is solid.

9. The seal of claim 1, where said sheet member is coiled around said element over an arc covering at least 45 degrees from said attachment edge.

10. The seal of claim 3, where said element is annular.

11. The seal of claim 3, where said element includes at least one corner.

12. The seal of claim 3, where said element in cross-section is a polygon.

13. The seal of claim 3, where said element in cross-section is generally elliptical.
14. The seal of claim 3, where said element is arcuate and includes a free edge.
15. In combination with a closure having first and second surfaces, a rolling seal comprising;
a resiliently compressible element generally in the form of a right circular cylinder;
a coiled sheet member having an attachment edge attached to said element, said coiled sheet member being freely coiled about said element and spaced from said element when said seal is in a passive condition;

An extension member attached to said sheet member, said extension member being attached to said first surface of said closure so that relative motion between said first and second surfaces in a first direction causes contact between said element and said second surface such that said element either is rolled away from said extension member and said sheet member is straightened relative to the passive condition or is rolled toward said extension member and said sheet member is coiled further about said element into an active condition creating a seal between said first and second surfaces, and further so that relative motion between said first and second surfaces in a direction opposite to said first direction said element and said sheet member will resume said passive condition.

16. The seal of claim 15, where said extension member is generally
17. The seal of claim 15, where said element is tubular.
18. The seal of claim 15, where said element is solid.
19. The seal of claim 15, where said element in cross-section is generally elliptical.

20. The seal of claim 15, where said element is arcuate and includes a free edge.